DSSTech

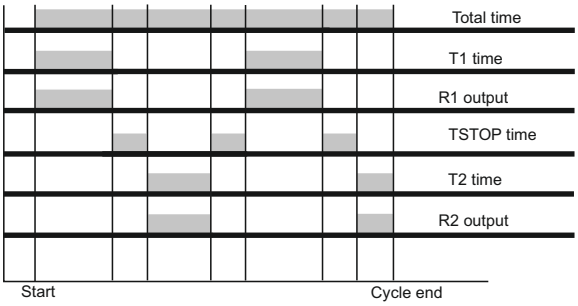
KT38

Idee e prodotti italiani

4 times Pause - Work timer or 1 time Timer

TIMER IN 4 TIMES PAUSE-WORK MODE
This mode consists of time1, time 2, stop time and total time.
When the start is closed, output 1 is activated and remains active until the "t 1" time expires at which the "t stop" time is loaded; outputs 1 and 2 are deactivated. When the "t stop" time expires, output 2 is activated and remains active for the entire "t 2" time. Then the "t stop" time is repeated, then the "t 1"time and the cycle is repeated cyclically until the end of the set total time. At the end of this time the instrument stops and stays there until a new start command.
During operation, the cycle can be interrupted by opening the start command and reset with the reset command.
TIMER IN 1 TIME MODE
This mode is composed only of time1.
When the start is pressed, output 1 is activated and remains active until the set "t 1" time expires. During operation, the cycle can be interrupted and reset with the reset command.

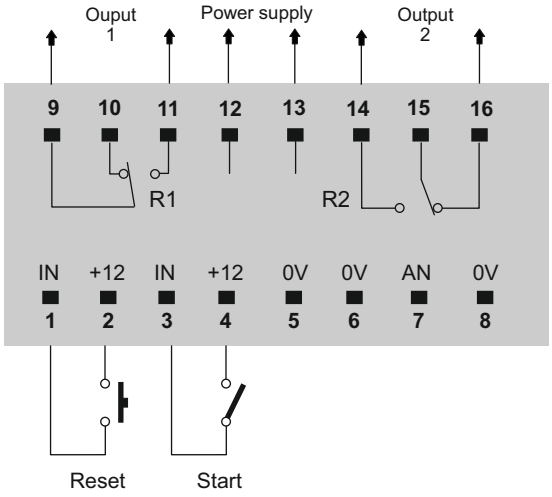
Operating mode



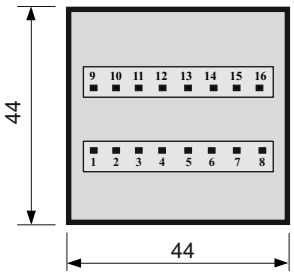
Technical features

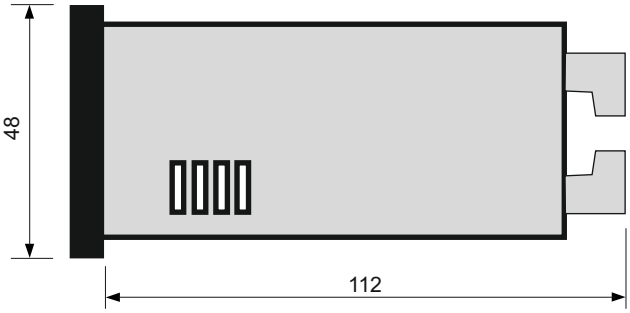
Power supply	24 - 110 - 230Vac +/- 10%
Absorption	Max 2,5VA
Display	4 displays H= 7mm red
Memory	EEprom
Min time	1 Sec. or 1 Min.
Max time	9999 Sec. or 9999 Min.
Relay range	10A / 250Vac AC1
Container size	48 x 48 x 112mm
Container	Black ABS
Operation conditions	0.. +55°C / 20..90% R.U. without condensation

Electrical connections



Dimensions





N°3143

N°IT-28601

DSSTech Srl
Sede legale: via dell'Artigianato 3 - 36034 - Malo (VI) - Italy
Tel. +390445637541
E-mail: info@dsstech.it
WEB site: www.dsstechautomation.com
P.I., C.F., N. Reg. Imprese IT04118980244
Capitale sociale: 10.000,00 Euro i.v.

4 times Pause - Work timer or 1 time Timer

Times programming in minutes or seconds and timer type selection

To execute the programming, follow the following procedure:

Press the keys together until the message **PASS** appears on the display. Press and using the keys enter the password 69, confirm with . The word **t.tot** will come out confirm with . Use the buttons to select the measurement unit for total time, time, time2 (minutes or seconds). Confirm with the button and the display will show **t.Sto** that is pause time.

Using the keys select the measurement unit for pause time. Confirm with the button and the display will show **t.tim** that is type timer. Using the keys set the value to '4t' if you want 4-times operation or '1t' if you want to operate a 1-time operation. To confirm the made choice press the button.

1 time work cycle Timer

At power-up, after displaying the name and the software version, the instrument is set up to receive the START impulse.

Pressing the start, it activates the output n.1 which remains active for the T1 time.
At the end of the T1 time, output no.1 is deactivated and dashes indicating terminated cycle appear on the display.
The instrument waits for a new start pulse or a reset pulse.
If the reset button is pressed during the cycle, the instrument enters the stop mode, blocking the time, turning off the output and resetting the time.
With a new start impulse, the instrument starts the cycle again.

The decimal point on the right indicates the work cycle status:
OFF = cycle reset, waiting for the start command
FLASHING = tool in start mode and working cycle

ATTENTION: in case of power failure the instrument does not store the remaining time.

1 time timer programming

The user parameter that can be set by the customer is:

- T1 = forward cycle time (min 1 max 9999)

To execute the programming, follow the following procedure:

Pressing the button the acronym appears on the display

t 1 time 1 (min 0 max 9999) press the button again the stored time appears on the display

with the keys the new time is set and stored, letting the displayed data blink, at the end of the blinking the program will exit.

DSSTech Srl
Sede legale: via dell'Artigianato 3 - 36034 - Malo (VI) - Italy
Tel. +390445637541
E-mail: info@dsstech.it
WEB site: www.dsstechautomation.com
P.I., C.F., N. Reg. Imprese IT04118980244
Capitale sociale: 10.000,00 Euro i.v.

4 times work cycle Timer

At power-up, after displaying the name and the software version, the instrument is set up to receive the START command.
After closing the start it activates the output n.1 which remains active for the T1 time.
At the end of the T1 time the output n.1 is deactivated and the T.Stop time begins, at the end of which the output n.2 is activated and remains active for T2 time; it follows again the Stop time and subsequently the T1 time, thus repeating a new cycle. All this procedure is repeated for the set T. TOT total time period.
At the end of the set total time the cycle stops, the outputs are switched off and dashes appear on the display indicating that the cycle has ended.
The instrument waits for a new start command or a reset command.
If the start command is removed during the cycle, the instrument enters the stop mode, blocking the time and turning off the outputs.
With a new start command, the instrument starts the cycle from where it was stopped.
When the reset command is pressed, the count is reset either if the instrument is in start mode or if is in stop mode.
The decimal point on the right indicates the work cycle status:
OFF = cycle reset, waiting for the start command
FLASHING = start command and working cycle
ON FIXED = cycle in stopmode waiting for the start or reset command.

ATTENTION: in case of power failure the instrument does not store the remaining time.

4 times timer programming

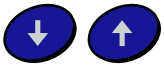
The user parameters that can be set by the customer are:

- T. TOT = Total cycle time (min 0 max 9999) with time equal to 0 the cycle will be continuous
- T1 = Forward cycle time (min 0 max 9999) with time equal to 0, time 1 will not be executed
- T2 = Back cycle time (min 0 max 9999) with time equal to 0, time 2 will not be executed
- T STOP = Cycle Pause time (min 0 max 9999) with time equal to 0 the stop time will not be executed

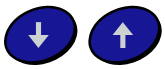
To execute the programming, follow the following procedure:

Pressing the button the acronym appears on the display **t.tot** total cycle time (min 1 max 9999)

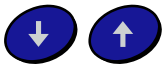
press the button again the stored time appears on the display

With the keys  set the new time and save with the button appears on the display

t 1 time 1 (min 0 max 9999) the key is pressed again the stored time appears on the display

with the keys  set the new time and save with the button appears on the display

t 2 time 2 (min 0 max 9999) the key is pressed again the stored time appears on the display

with the keys  set the new time and save with the button appears on the display

t.Sto Pause time between time 1 and 2 (min 0 max 9999) press again the stored time appears on the display

with the keys set the new time and save with the button appears in the display again **t.tot**

To exit the programming mode, leave the displayed data blinking, at the end of the blinking from each position the program will exit.

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